

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

JOHN V. BERNARDI ET AL.

SERIAL NUMBER:

EXAMINER:

FILED:

GROUP ART UNIT:

FOR: SUBSTRATE WITH MEMBRANE SEAM PLATES FIXED
THEREON FOR PRECISE PLACEMENT OF SEAM PLATES
ON ROOF DECKING ASSEMBLIES

INFORMATION DISCLOSURE STATEMENT

HONORABLE COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VIRGINIA 22313-1450

SIR:

In connection with the above-identified patent application, and the prosecution thereof before the United States Patent and Trademark Office, and in compliance with the duty of disclosure as set forth in 37 CFR 1.56, Applicant hereby desires to make of record, in accordance with 37 CFR 1.97, the following **PRIOR ART** of which Applicant is aware and which is also listed upon the attached **PTO FORM 1449**:

Information Disclosure Statement
SUBSTRATE WITH MEMBRANE SEAM PLATES FIXED THEREON FOR
PRECISE PLACEMENT OF SEAM PLATES ON ROOF DECKING ASSEMBLIES
John V. Bernardi et al.

Bruins et al.	6,478,209
Hansen	6,378,197
Hulsey	6,250,034
Hubbard et al.	6,187,122
Hubbard et al.	6,055,786
Hubbard	6,004,645
Metzer et al.	5,918,439
Poorman	5,724,747
Hasan	5,711,116
Kehoe	5,546,671
Rathgeber et al.	5,469,671
Wall	5,230,158
Medwed	5,125,552
Han	5,056,234
Williams	5,018,279
Murphy	4,945,699
Murphy	4,834,828
Sweatman	4,679,325
Sedlock	4,301,596
Troyer et al.	4,149,320
Medford et al.	US 2001/0034954
Bruins et al.	US 2001/0030138
Brock	EUROPEAN 0 347 403
Hungarter	PCT WO 96/30609

The present invention, in connection with which the present patent application is being prosecuted, is directed toward a seam plate or membrane plate implement assembly which comprises a support strip or substrate upon which a

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plurality of membrane plates or seam plates are fixedly mounted at predeterminedly spaced positions so as to effectively correspond to the transverse spacing defined between the crest portions of an underlying corrugated roof decking substructure. In this manner, when the support strip or substrate is placed upon the environmental membranes covering the insulation slab or panel of the roof decking assembly, and once a first or leading one of the seam plates or membrane plates is aligned with one of the crest portions of the underlying roof decking substructure, the proper alignment of the remaining seam plates or membrane plates with respect to the other crest portions of the underlying roof decking substructure is inherently ensured. In this manner, the proper and secure fixation of the bolt fasteners, associated with the seam plates or membrane plates, within the crest portions of the underlying roof decking substructure is likewise ensured so as to properly maintain the environmental membranes secured atop the insulation slab or panel. The substrate can likewise be used in conjunction with non-corrugated roof decking assemblies so as to locate the seam plates thereon and thereby likewise provide the environmental membranes with sufficient uplifting wind force resistance. The substrate can comprise a thermoplastic material or mesh fabric, it can have a C-shaped or V-shaped cross-sectional configuration, and the seam plates can be secured upon the substrate by various

Information Disclosure Statement

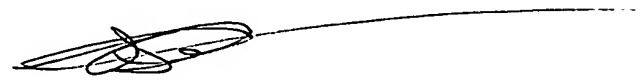
**SUBSTRATE WITH MEMBRANE SEAM PLATES FIXED THEREON FOR
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means, such as, for example, heat-seal means, adhesive bonding, and foldable prongs.

While the cited **PRIOR ART** is relevant to the present invention in that the **PRIOR ART** discloses conventional seam plates or membrane plates, techniques for attaching the environmental membranes to underlying substrates, and various building industry measuring devices, it is submitted that none of **PRIOR ART** patent publications cited above disclose the particularly noted features of the present invention, and therefore, it is respectfully submitted that the examiner should merely consider such **PRIOR ART** in its proper perspective, make the same officially of record, and proceed with the completion of the examination of this patent application.

Respectfully Submitted,
SCHWARTZ & WEINRIEB



Steven W. Weinrieb
Attorney of Record
Registration No. 26,520
(703) 415-1250

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FORM PTO-1449 INFORMATION DISCLOSURE CITATION BY APPLICANT			Attorney Docket Number: 71-839-1		Serial Number:		
			Applicant: John V. Bernardi et al.				
			Filing Date:		Group:		
UNITED STATES PATENT DOCUMENTS							
Exr Init	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate	
	6,478,209	11-02	Bruins et al.				
	6,378,197	04-02	Hansen				
	6,250,034	06-01	Hulsey				
	6,187,122	02-01	Hubbard et al.				
	6,055,786	05-00	Hubbard et al.				
	6,004,645	12-99	Hubbard				
	5,918,439	07-99	Metzer et al.				
	5,724,747	03-98	Poorman				
	5,711,116	01-98	Hasan				
	5,546,671	08-96	Kehoe				
	5,469,671	11-95	Rathgeber et al.				
	5,230,158	07-93	Wall				
	5,125,552	06-92	Medwed				
	5,056,234	10-91	Han				
	5,018,279	05-91	Williams				
	4,945,699	08-90	Murphy				
	4,834,828	05-89	Murphy				
	4,679,325	07-87	Sweatman				
	4,301,596	11-81	Sedlock				
	4,149,320	04-79	Troyer et al.				
FOREIGN PATENT DOCUMENTS							
	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	0 347 403	12-89	EUROPEAN				
WO	96/30609	10-96	WIPO				
OTHER DOCUMENTS							
	A	US 2001/0034954 A1 - 11-01- Medford et al.					
	B	US 2001/0030138 A1 - 10-01 - Bruins et al.					
Examiner:				Date Considered:			